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- (71) Applicant: BOSTON MEDICAL CENTER CORPO-RATION [US/US]; One Boston Medical Center Place, Boston, MA 02118 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SAUBERMANN, Lawrence, J. [US/US]; 15 Saddle Ridge Road, Dover, MA 02030 (US). FARRAYE, Francis, A. [US/US]; 8 Copperwood Road, Medfield, MA 02052 (US). MORALES, Victor, M. [US/US]; 8 Broad Street, Hollis, NH 03049 (US).
- (74) Agents: HEINE, Holliday, C. et al.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).
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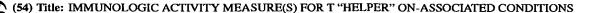
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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
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(57) Abstract: A method of providing a reproducible and clinically relevant disease activity measurement for a group of immunologic disorders that share features of a T "helper" 1 (Th1) immune activation phenotype is disclosed. Th1 responses are characterized by the release of a set of pro-inflammatory substances by white blood cells (WBC) By evaluating the ex vivo activation response of whole blood in terms of the extent of release of Th1 produced pro-inflammatory substances in blood (i.e., WBC activity) following activation with a Th1-associated stimulant, the level of, e.g., disease activity or immunosuppression in a specific individual can be determined. The method of the invention provides a disease activity marker for a wide variety of Th1 inflammatory responses, including Crohn's Disease, psoriasis, rheumatoid arthritis, Systemic Lupus Erythematosus (SLE), multiple sclerosis and solid organ transplant rejection.

